

Converting Colors

HunterLab(49.1030, -16.4846,
-2.1640)

Have a look what the booklet for
HunterLab(49.1030, -16.4846,
-2.1640) contains.

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Color

**HunterLab(49.0567,
-16.3197, -2.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	589091
RGB	88, 144, 145
RGB Percent	35%, 56%, 57%
CMY	0.6549, 0.4353, 0.4314
CMYK	0.39, 0.01, 0.00, 0.43
HSL	181°, 24%, 46%
HSV	181°, 39%, 57%
XYZ	19.1086, 24.0656, 30.4261
YIQ	127.3700, -33.6970, -11.5610

Conversions

Conversions Part 2

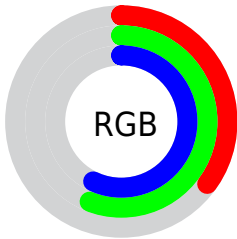
Format	Color
RYB	88, 116, 145
Decimal	5804177
CIELab	56.15, -18.10, -6.35
CIElCh	56, 19.179, 199.341
Yxy	24.0665, 0.2596, 0.3270
Android (android.graphics.Color)	4283994257 (0xFF589091)
YUV	127.3700, 8.6916, -34.5275
Hunter-Lab	49.0567, -16.3197, -2.4333

Details

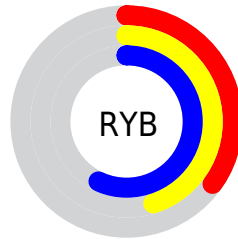
The HunterLab color $49.0567, -16.3197, -2.4333$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $37.2416, 16.3626, 8.5351$, and the grayscale version is $46.1910, -2.4646, 2.5096$.

A 20% lighter version of the original color is $70.8339, -19.4119, -1.9194$, and $30.0499, -12.7443, -3.0676$ is the 20% darker color. If you saturate the color by 10%, you get $48.3229, -18.6953, -3.4192$, and if you desaturate by 10%, it is $49.9229, -13.4960, -1.2888$.

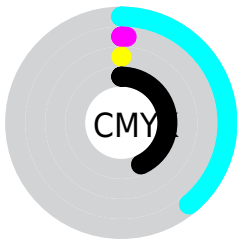
Distribution



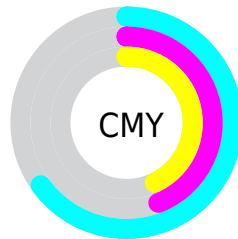
- Red (35%)
- Green (56%)
- Blue (57%)



- Red (35%)
- Yellow (45%)
- Blue (57%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (65%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0567, -16.3197, -2.4333 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.0567, -16.3197, -2.4333 by changing the saturation by 10% instead.

■ 49.0567, -16.3197,
-2.4333

■ 49.0567, -16.3197,
-2.4333

165.2745,
-30.0489, 1.5577

■ 39.2212, -14.6891,
-2.6396

■ 70.8087, -19.4648,
-1.8500

■ 30.1473, -12.9948,
-2.7815

■ 82.6415, -21.0007,
-1.4843

■ 21.9067, -11.2059,
-2.8489

■ 95.0686, -22.5219,
-1.0740

■ 14.5939, -9.2671,
-2.8291

■ 108.0629,
-24.0336, -0.6220

■ 8.2542, -9.9944,
-2.8655

121.6005,
-25.5395, -0.1308

0.0000, NaN, NaN

135.6605,

0.0000, NaN, NaN

-27.0425, 0.3974

0.0000, NaN, NaN

150.2241,
-28.5450, 0.9608

0.0000, NaN, NaN

■ 49.0567, -16.3197,
-2.4333

■ 49.0567, -16.3197,
-2.4333

■ 48.3229, -18.6953,
-3.4192

■ 49.9229, -13.4960,
-1.2888

■ 47.7159, -20.6124,
-4.2449

■ 50.9196, -10.2412,
0.0050

■ 47.2317, -22.0743,
-4.9101

■ 52.0470, -6.5819,
1.4394

■ 46.8630, -23.0972,
-5.4198

■ 53.3030, -2.5493,
3.0031

■ 46.5994, -23.7133,
-5.7847

■ 54.6846, 1.8222,
4.6838

■ 46.4108, -24.0359,
-6.0450

■ 56.1879, 6.4970,
6.4690

■ 46.3982, -24.0566,
-6.0625

■ 57.8081, 11.4396,
8.3462

■ 59.5404, 16.6159,
10.3036

■ 61.3794, 21.9941,
12.3302

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.0577, -16.8539, 5.3032



49.0567, -16.3197, -2.4333



49.0577, -12.2552, -9.7914

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.0577, -16.3202, -2.4326



49.0577, 9.6155, -7.8643



49.0577, 0.2606, 14.9944

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.0567, -16.3197, -2.4333



37.2416, 16.3626, 8.5351

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.0577, 7.8210, 12.5331



49.0567, -16.3197, -2.4333



49.0577, 13.4476, -0.1170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.0577, -16.3202, -2.4326



49.0577, 2.5841, -13.2587



49.0577, 12.7705, 7.2779



49.0577, -7.6163, 14.5783

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.0567, -16.3197, -2.4333



49.0577, -7.9355, -13.1075



49.0577, 12.7705, 7.2779



49.0577, 2.9314, 14.4940

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.0577, -16.3202, -2.4326



69.1884, -10.3022, 1.3430



48.0067, -24.7004, 17.4894



32.5523, -5.1213, 0.5308



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.0577, -16.3202, -2.4326



64.7873, -24.6311, -4.4125



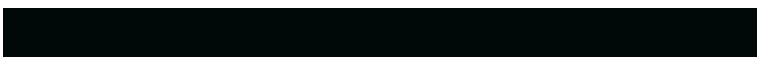
40.6287, -3.7508, -14.1233



24.6989, -3.0964, 0.6930



42.9758, -22.2854, -5.6082



4.2417, -2.2263, -0.4958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.7471, 25.2563, -16.0583



48.4676, 42.0769, -27.0101



44.2183, 2.7598, 14.9153



23.4722, 1.6795, -0.6822



26.1740, 51.2707, -33.0621



2.5659, 5.0360, -3.3180

Previews

White Background



This preview shows how the HunterLab color 49.0567, -16.3197, -2.4333 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.0567, -16.3197, -2.4333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

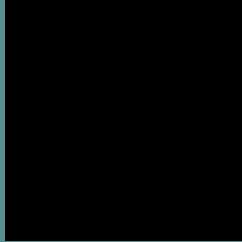
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.0567, -16.3197, -2.4333 Background



This preview shows how black text looks on a background with the HunterLab color 49.0567, -16.3197, -2.4333.



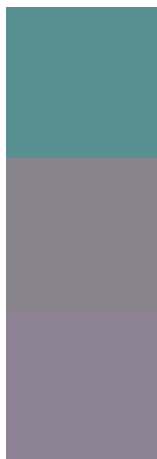
This preview shows how white text looks on a background with the HunterLab color 49.0567,

-16.3197, -2.4333.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.0567, -16.3197, -2.4333

Protanopia

48.7750, -1.0399, 0.3448

Deuteranopia

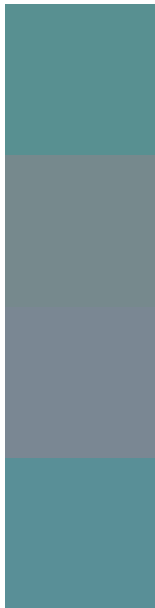
48.7505, 3.7067, -3.9693



Tritanopia

49.1444, -13.8257, -6.8428

Trichromacy



Original Color

49.0567, -16.3197, -2.4333

Protanomaly

48.6477, -7.2553, -0.8625

Deuteranomaly

48.5511, -4.2406, -3.8666

Tritanomaly

48.9930, -14.5891, -5.4978

Monochromacy



Original Color

49.0567, -16.3197, -2.4333

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.9116, -7.8948, 0.2629

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0567, -16.3197, -2.4333 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(88, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(88, 144, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(88, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 144, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0567, -16.3197, -2.4333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 144, 145) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(88, 144, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(88, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(88, 144,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0567, -16.3197, -2.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 144, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(88, 144,  
145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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